

IGS Data Center Working Group

Report for 20th IGS Governing Board Meeting
September 10, 2002

The charter of the IGS Data Center Working Group was approved at the last IGS Governing Board meeting held in Ottawa in April. Since that time, a web site has been created (<http://cddisa.gsfc.nasa.gov/igsdc>) for the working group. This website contains the charter and list of members and has the capability to expand to include other components pertinent to the working group. In June 2002, Angie Moore created an exploder (igs-dcwg@igscb.jpl.nasa.gov) for the working group which functions like other IGS mail systems.

Possibly due to typical summer downtime, email solicitations to the working group have gone unanswered (much to the concern of the chairperson). Most pressing (in the chairperson's opinion) is to map out the network/data flow topology for the IGS in order to implement backup/redundant data flow paths. A second activity would be the creation of a survey/questionnaire for the IGS user community, soliciting input on current support and future enhancements. I plan to contact the working group members by mid-September and push for progress in these areas.

A third area of interest is the GSAC, the GPS Seamless Archive Center initiative currently being supported by five of the six largest GPS archives within the U.S. (CDDIS, UNAVCO, SOPAC, SCEC, and NCEDC), and with intent to join expressed by NGS in the U.S., GSD in Canada, BKG (EUREF), and IGN. The GSAC working group, currently operating under UNAVCO auspices, recently held a meeting in Boulder (minutes at http://www.unavco.ucar.edu/data_support/data/gsac/gsac_meeting_boulder-jul02.html) to review progress and make plans for future development. At this time the working group would very much like to encourage participation in GSAC by other GPS archives, particularly outside the U.S. I have asked members to become familiar with the GSAC (<http://gsac.ucsd.edu>), the standards documentation (http://www.unavco.ucar.edu/data_support/data/gsac/GSAC-1.1.html) and test the client software. The CDDIS has recently completed modifications to software permitting us to become an official GSAC wholesaler. The GSAC working group would like to encourage all IGS data centers to consider making the metadata from their archives accessible through the GSAC. The working group is seeking IGS support in order to achieve the support and direction needed to make the GSAC a truly useful tool for GPS practitioners throughout the world. Goals of the group include encouraging the cataloging and long-term preservation of campaign, as well as continuous data; broad acceptance, with modification if necessary, of GSAC standards and procedures; development of improved software for dissemination of data; and establishment of ports of entry to the GSAC outside of the U.S.

Carey Noll

Manager, CDDIS and Chair, IGS Data Center Working Group
September 03, 2002

